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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		

NOTES:

1. SEE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ICA751.90, FOR MAINTENANCE INFORMATION.
2. INSTALLATION PROCEDURE:
 - A) INSTALL FORWARD AND AFT BEAM ON UPPER FUSELAGE HARD POINTS. DO NOT FULLY TIGHTEN BOLTS.
 - B) INSTALL FORWARD AND AFT STRUTS FROM BEAM TO LOWER FUSELAGE HARD POINTS. DO NOT TIGHTEN BOLTS.
 - C) ALIGN FORWARD AND AFT BEAMS TO BE PARALLEL WHEN VIEWED FROM THE FRONT OR BACK. THREAD CLEVIS ON STRUTS IN OR OUT TO ADJUST.
 - D) INSTALL DRAG LINK FROM AFT BEAM TO LOWER FUSELAGE HARD POINT AT FS. 129.00. THREAD CLEVIS ON BOTH ENDS IN OR OUT TO ADJUST.
 - E) ADJUST DRAG LINK FOR CENTRE TO CENTRE SPACING OF BEAMS TO 71.0 INCHES (1803 mm).
 - F) TIGHTEN ALL FASTENERS AND CHECK NUTS PER NOTE 3.
3. TORQUE FASTENERS AS FOLLOWS:
 - A) AN3 BOLTS: 12-15 IN-LBS (1.36-1.69 N-m)
 - B) AN4 BOLTS: 30-40 IN-LBS (3.39-4.52 N-m)
 - C) AN5 BOLTS, AN316-5 CHECK NUTS: 60-85 IN-LBS (6.78-9.60 N-m)
 - D) AN43 EYE BOLT: 50-70 IN-LBS (5.65-7.91 N-m)
 - E) AN45 EYE BOLTS: 100-140 IN-LBS (11.30-15.82 N-m)

1	1	MS21042-3	NUT (ALT: MS21042L3, MS21044N3)
3	3	MS21042-4	NUT (ALT: MS21042L4, MS21044N4)
7	7	MS21042-5	NUT (ALT: MS21042L5, MS21044N5)
2	2	NAS1149F0363P	WASHER
5	5	NAS1149F0463P	WASHER
2	2	NAS1149F0532P	WASHER
9	9	NAS1149F0563P	WASHER
1	1	AN3-7A	BOLT
1	1	AN43B-6A	EYE BOLT
2	2	AN4-11A	BOLT
1	1	AN45-7A	EYE BOLT
2	2	AN45-4A	EYE BOLT (ALT: AN45-7A WITH 100635-14 BUSHING)
2	2	AN5-7A	BOLT
2	2	AN5-11A	BOLT
1	1	100635-13	BUSHING
1	1	100635-12	BUSHING
1	1	100635-03	09 DRAG LINK
1	1	100635-02	08 AFT STRUT
1	1	100635-01	07 FORWARD STRUT
1		100633-01-02	06 AFT BEAM, HIGH MOUNTED, RH
	1	100633-01-01	05 AFT BEAM, HIGH MOUNTED, LH
1		100632-01-02	04 FORWARD BEAM, HIGH MOUNTED, RH
	1	100632-01-01	03 FORWARD BEAM, HIGH MOUNTED, LH
		100606-01-02	02 QUICK RELEASE MOUNTING PROVISIONS, HIGH, RH
		100606-01-01	01 QUICK RELEASE MOUNTING PROVISIONS, HIGH, LH
02	01	PART NO.	ITEM DESCRIPTION
QTY	QTY	LIST OF MATERIALS	

WEIGHT AND BALANCE – METRIC

ITEM	DESCRIPTION	WEIGHT (kg)	LONGITUDINAL		LATERAL	
			ARM (mm)	MOMENT (mm–kg)	ARM (mm)	MOMENT (mm–kg)
	QUICK RELEASE MOUNTING PROVISIONS INSTALLATION					
01	HIGH MOUNTED, LH	5.3	3150	16695	–1165	–6175
02	HIGH MOUNTED, RH	5.3	3150	16695	1165	6175

WEIGHT AND BALANCE – STANDARD

ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL		LATERAL	
			ARM (IN)	MOMENT (LB-IN)	ARM (IN)	MOMENT (LB-IN)
01	QUICK RELEASE MOUNTING PROVISIONS HIGH MOUNTED, LH	11.6	124.02	1438.6	-45.88	-532.2
02	HIGH MOUNTED, RH	11.6	124.02	1438.6	45.88	532.2

APPROVALS	DATE
DRAWN: JEFF CLARKE	13 JAN 2015
CHECKED: JASON REKVE	13 JAN 2015



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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
DECIMALS ANGLES
X.XXX ±0.010 ±1/2°
X.XX ±0.03
X.X ±0.1

BELL 205A-1, 205B, 212, 412, 412EP, 412CF
QUICK RELEASE MOUNTING PROVISIONS
HIGH MOUNTED INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 2 OF 2	A4	100606	0